

# High Quality

## 16CH/8CH H.264 DVR



16CH/8CH CIF Real-time H.264 Digital Video Recorder

## SRD-1652D/852D

SRD-1652D/852D is an economical recording solution with embedded Linux and H.264 codec technology. All channels can simultaneously record up to full frame rate (30 fps NTSC / 25 fps PAL) at CIF resolution. Both units come equipped with a built-in DVD burner and support up to 4 internal SATA hard drives.

- 16CH/8CH real-time DVR
- Embedded Linux H.264 Compression
- Up to 480 fps (NTSC) / 400 fps (PAL) @ CIF: SRD-1652D  
240 fps (NTSC) / 200 fps (PAL) @ CIF: SRD-852D
- Up to 16CH audio inputs and 1CH audio output : SRD-1652D  
8CH audio inputs and 1CH audio output: SRD-852D
- Combined BNC and VGA video output for main display
- Up to 4 Internal HDDs
- Free DDNS
- Support for smart phone(Android, i-Phone)
- Built-in DVD-RW
- Splits and exports small parts of a recorded video – Brightness and Contrast control via SmartViewer (SRD-1652D)



# 16CH/8CH CIF Real-time H.264 Digital Video Recorder

## SRD-1652D/852D



SRD-1652D



SRD-852D

### Dimensions

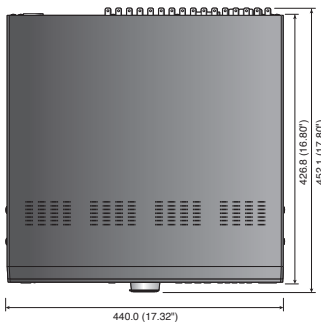
Unit : mm (inch)



SRD-1652D



SRD-852D



### Specifications

SRD-1652D			SRD-852D
DISPLAY			
Video	Inputs	16 Composite video 0.5-1 Vp-p	
	Resolution	NTSC : 704 x 480 / PAL : 704 x 576	
Live	Frame Rate	NTSC : 480fps / PAL : 400fps	
	Resolution	NTSC : 704 x 480 / PAL : 704 x 576	
	Multi Screen Display	1 / 4 / 6 / 8 / 9 / 13 / 16 / PIP	
PERFORMANCE			
Operating System	Embedded	Linux	
	Compression	H.264	
Recording	Record Rate	NTSC : Up to 120fps@704 x 480	
		NTSC : Up to 240fps@704 x 240	
		NTSC : Up to 480fps@352 x 240	
		PAL : Up to 100fps@704 x 576	
		PAL : Up to 200fps@704 x 288	
Mode	NTSC : Up to 400fps@352 x 288		
	PAL : Up to 50fps@704 x 576		
	PAL : Up to 100fps@704 x 288		
	PAL : Up to 200fps@352 x 288		
	PAL : Up to 200fps@352 x 288		
Search & Playback	Mode	NTSC : Manual, Schedule (Continuous / Event), Event (Pre / Post), Time lapse (0.9 / 1.9 / 3.8 / 7.5 / 15 / 30fps)	
	Overwrite Modes	PAL : Manual, Schedule (Continuous / Event), Event (Pre / Post), Time lapse (0.8 / 1.6 / 3.1 / 6.2 / 12.5 / 25fps)	
	Pre-alarm	Continuous	
	Post-alarm	Up to 5sec	
	Editing Function-Software	Up to 6hour (5,10, 20, 30sec, 1, 3, 5, 10, 20min, 1, 2, 3, 4, 5, 6hour)	
Search & Playback	Search Mode	Contrast, brightness and color editing on live and recorded videos (SRD-1652D)	
	Playback Function	Date/Time, Event, Back up, Pos, Motion (*All search mode include preview function)	
	Transmission Speed	Fast forward / backward, Slow forward / backward, Step forward / backward	
Network	Bandwidth	CIF 120/100fps	
	Bandwidth Control	8Mbps, 2 / 1.5 / 1Mbps / 800 / 600 / 500 / 400 / 300 / 200 / 100 / 50kbps	
	Stream	Selectable	
	Max. Remote Users	H.264 (CIF)	
	Protocol Support	Search 3 / Live unicast 10 / Live multicast 20	
Smart Phone	Monitoring	TCP/IP, DHCP, PPPoE, SMTP, NTP, HTTP, DDNS, RTP, RTSP	
	Smart Phone	NET-i viewer, SmartViewer, Webviewer	
	Protocol Support	Android (not compatible with all Android phones), i-Phone	
	Transmission Speed	RTSP/RTP (UDP), CGI, HTTP	
	Max. Remote Users	Wi-Fi : CIF Max. 4fps (Single channel) / CIF Max. 4fps (Quad channel)	
Storage	Internal HDD	3G : CIF Max. 4fps (Single channel) / CIF Max. 4fps (Quad channel)	
	DVD Writer (Back up)	Live 1	
	USB (Back up)	Up to 4 SATA HDDs	
	File Format (Back up)	Yes	
	Password Protection	2 USB ports	
Security	Data Authentication	AVI, BU (DVR player), EXE (Include player)	
		1 Admin, 10 Group, 20 User per 1 group, User can be assigned authority for function	
INTERFACE			
Monitors	VGA	1 VGA (800 x 600, 1024 x 768, 1280 x 1024)	
	Main Composite	1 BNC, 1.0 Vp-p, 75 ohm	
	Spot Composite	Analog spot (1 BNC, 1 Vp-p, 75 ohm)	
Audio	Inputs / Output	4 Line in (Built-in 4CH, RCA / 1CH line out (RCA))	
	Compression	ADPCM	
	Sampling Rate	16KHz	
Alarm	Inputs / Output	Terminal 16 inputs (NO/NC),Terminal 1 inputs (Alarm Reset), Terminal 4 relay outputs (NO/NC), Rating : 24V DC / 1A, 125V AC / 0.5A	Terminal 8 inputs (NO/NC),Terminal 1 inputs (Alarm Reset), Terminal 4 relay outputs (NO/NC), Rating : 24V DC / 1A, 125V AC / 0.5A
	Remote Notification	Notification via e-mail	
	Ethernet	1 RJ-45 10/100/1000 Base-T	
Connections	Serial Interface	RS-232/RS-485 for PTZ, Samsung system keyboard	
	USB	USB 2.0, 2 ports (Front)	
	Application Support	Mouse, Remote controller	
GENERAL	Protocol Support	Samsung-T/E, Pelco-D/P, Panasonic, Phillips, AD, DIAMOND, ERNA, KALATEL, VCL TP, Vicon	
Electrical	Input Voltage / Current	100 ~ 240V AC $\pm$ 10%, 50/60Hz, Autoranging	
Environmental	Power Consumption	Max. 60W (With 1x HDD)	
	Operating Temperature / Humidity	+0°C ~ +40°C (+32°F ~ +104°F) / 20% ~ 85% RH	
Mechanical	Dimensions (WxHxD)	440.0 x 88.0 x 426.8mm (17.32" x 3.46" x 16.80")	
	Weight (With hard disks)	Approx. 7.5Kg (16.53 lb)	
Language	Rack Mount Kit	2ea	
		Korean, Japanese, Chinese, English, French, German, Spanish, Italian, Russian, Polish, Czech, Turkish, Netherlands, Portuguese, Swedish, Danish, Thailandais, Rumanian, Serbian, Croatian, Hungarian, Greek (22 Language)	



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